

AFCEA-NOVA LUNCHEON

20:MARCH:2008



**SUPPORTING AN EXPEDITIONARY
ARMY AT WAR**

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AMERICA'S ARMY: THE STRENGTH OF THE NATION
ARMY STRONG



Agenda



Persistent Conflict

Army Initiatives & Imperatives

CIO/G-6 Focus Areas

- ◆ Network Service Centers
- ◆ Cyber Operations/Warfare
- ◆ CIO/G-6 500-Day Plan
- ◆ Knowledge Management & Data Czar
- ◆ Program Objective Memorandum 2010-2015

Conclusions



Era of Persistent Conflict





7 Army Initiatives

1. Accelerate growth and readiness improvements
2. ***Enhance the quality of support to Soldiers, Civilians, and Families***
3. Maintain the continuity and momentum of modernization
4. Complete Reserve Component transition to an Operational Force
5. ***Accelerate change in leader development to grow leaders for tomorrow's strategic environment***
6. ***Adapt institutional policies, programs, and procedures to support an expeditionary Army at war***
7. Build strategic communication capabilities to effectively communicate with internal and external audiences



Army Imperatives

Sustain – Army's Soldiers, Families, and Civilians

Recruiting, training, and retaining our Soldiers – the centerpiece of the Army – our ultimate asymmetric advantage – one thing that cannot be matched by our adversaries – now or in the future

Prepare – Forces to succeed in current conflict

Equipping our Soldiers and continually adapting our training and equipment – to ensure an advantage over any enemy

Reset – Our Units

Rebuild readiness for future deployments and contingencies – sustained combat has taken a toll on Soldiers, Leaders, Families, and Equipment




Transform – Meet demands of the 21st Century

Holistic effort to adapt how we fight, train, modernize, develop leaders, station, and support our Soldiers, Families, and Civilians – Transformation is a Journey, not a destination



CIO/G-6 Focus Areas



-  **Network Service Centers**
-  Cyber Operations/Warfare
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Regional Hub Nodes

- **Five locations to provide complete & overlapping coverage of Combatant Command Areas of Responsibility (AOR)**
- All connected to the Global Information Grid (GIG)
 - Focus on Intertheater vs. Reachback via Teleports
 - Support Army/USMC Units & Comm-on-the-Move

Regional Hub Nodes (RHN) –
5 Planned Locations World Wide



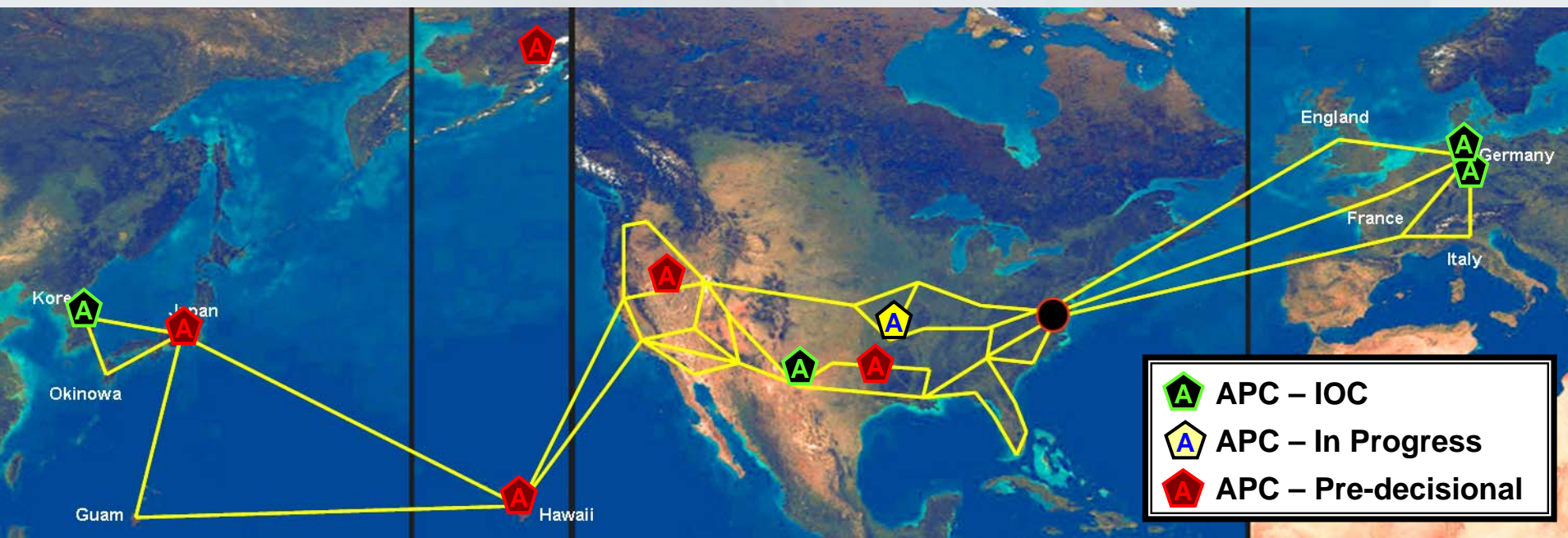




Area Processing Centers



- The purpose of the APC initiative is to improve delivery services through:
- Achieving Net-Centric Operations and Warfare Environment
 - Improving IA and Security Posture
 - Reducing Total Cost of Ownership (TCO) for Information Technology





Network Service Center – Concept



Regional Hub Node (RHN)

- Provides Global Transport
- Intra-Theater Connectivity
- Up to 3 Div per Hub Node
- Connect to each other & DISN services in garrison

Area Processing Center (APC)

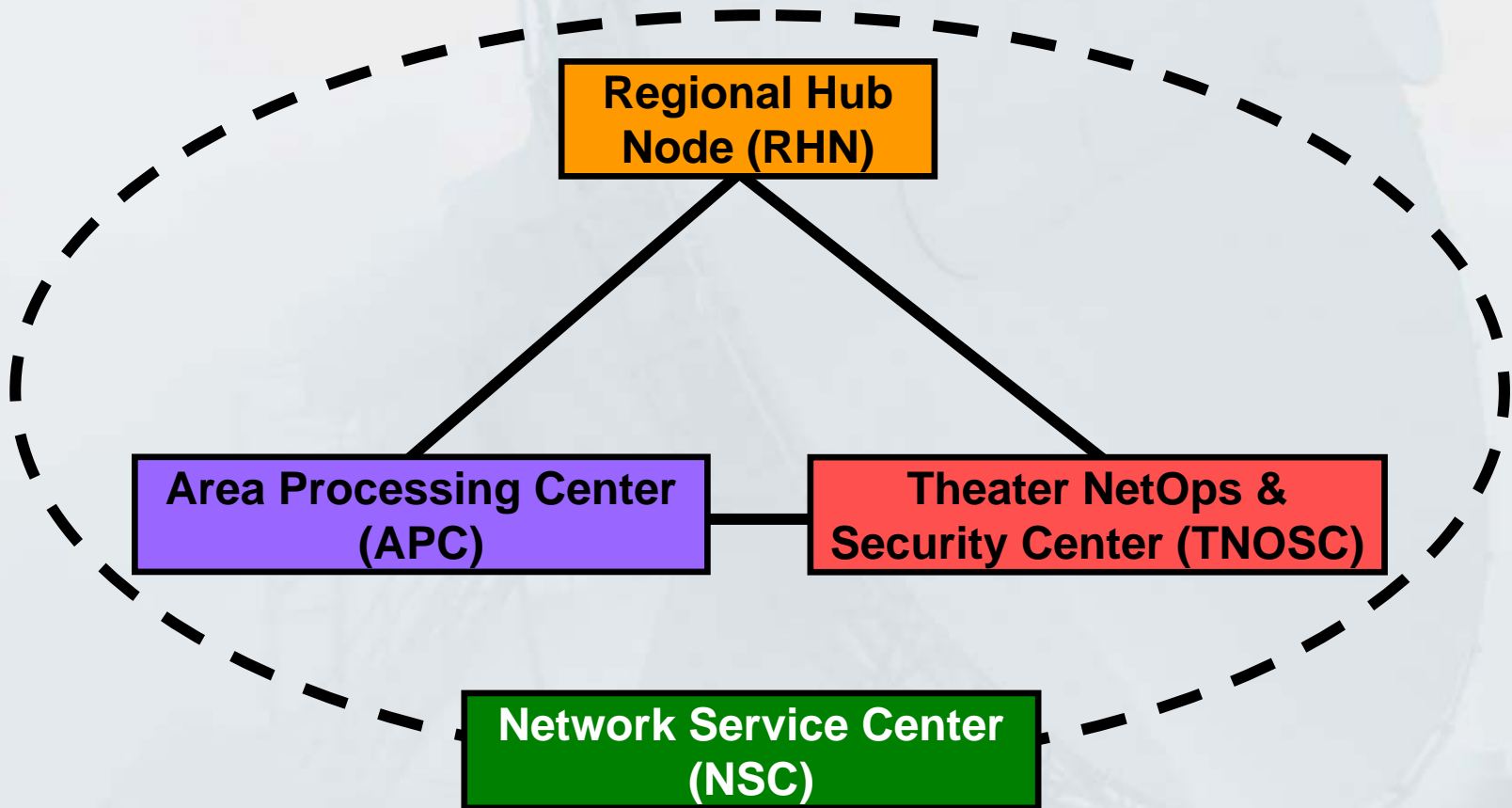
- Data & Applications
- Consolidated IT hardware
- Projection & forward staging of info & services

Theater NetOps & Security Center (TNOSC)

- Information Assurance (IA)
- NetOps & Security
- Technical oversight, content & spectrum management & Help Desk



Network Service Center – Concept








Global "Always On"



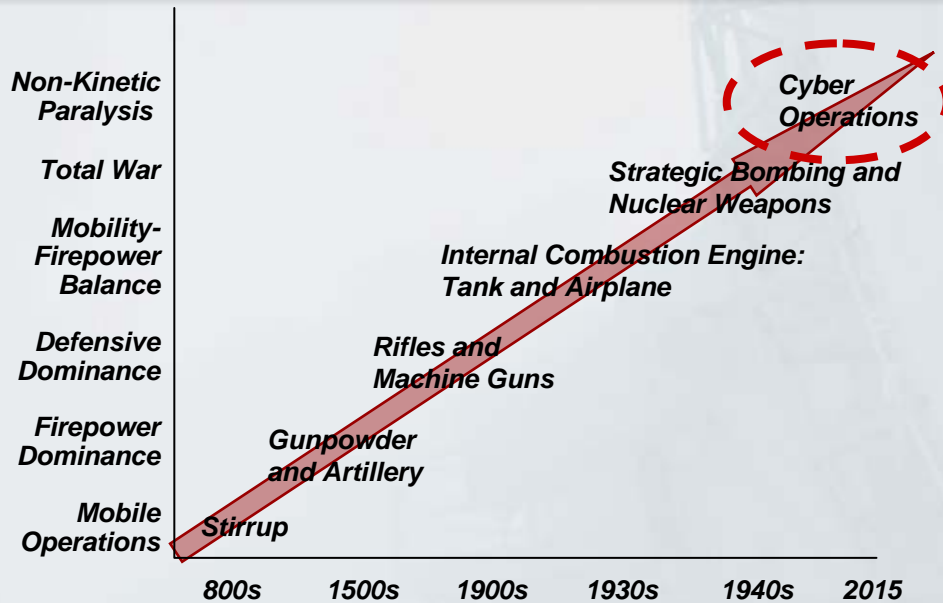
CIO/G-6 Focus Areas



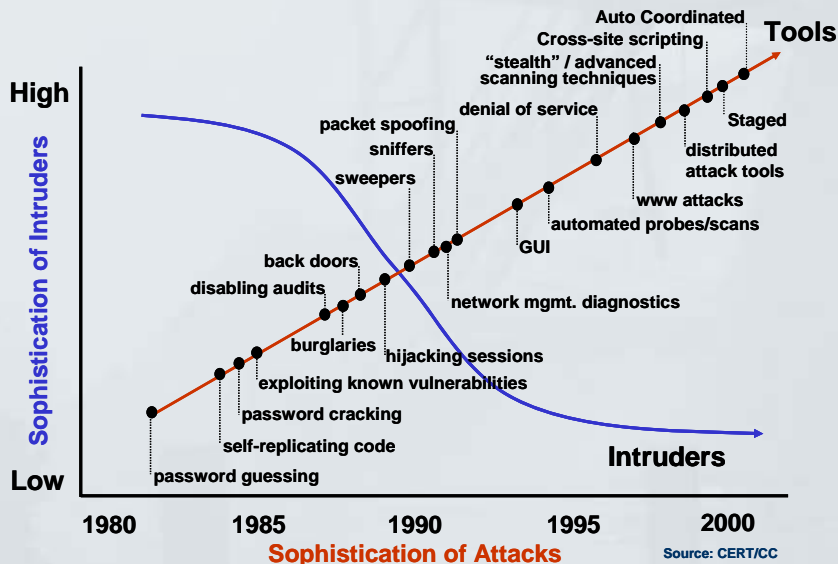
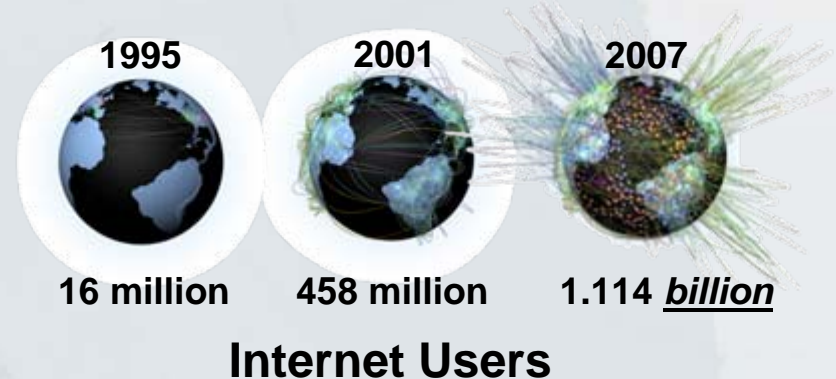
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Operations to Attack, Exploit and Defend Digitized Data, Knowledge & Communications will Change Warfare



The importance of cyberspace as an arena of conflict will only grow as the world becomes more wired

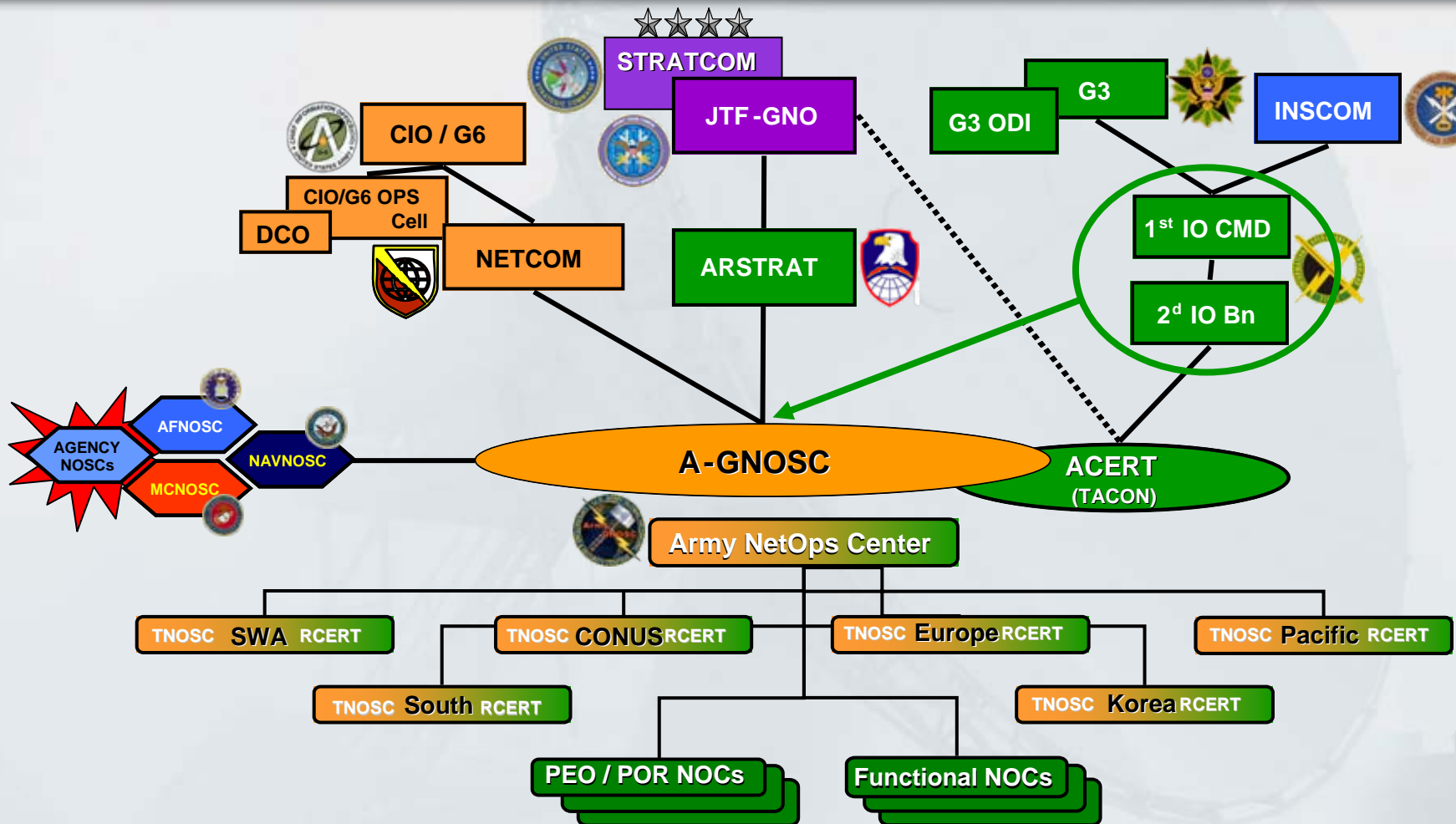


There is tremendous risk in not investing in CNO:

- Ultimate WMD – Potential to create social, political, military, and economic havoc
- Highly asymmetric
 - Could be relatively cheap
 - Deliverable from strategic distance
 - Very stealthy



Army Cyber Operations Support








Cyberspace: “A global domain within the information environment consisting of the interdependent network of information technology infrastructures that includes the Internet, telecommunications networks, computer systems, and embedded processors and controllers in critical industries.”

DepSecDef Memorandum – 21 Feb 08



CIO/G-6 Focus Areas



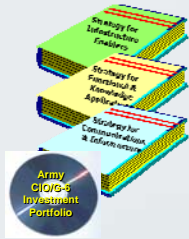
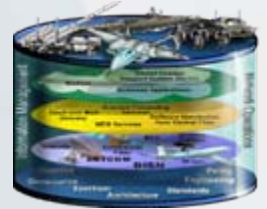
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500 Day Plan Goals



- ✓ **Develop and maintain** a secure, seamless, interdependent LandWarNet Network
- ✓ **Lead enterprise integration** to achieve decision superiority by transforming **processes, applications and data** into net-centric capabilities across the Army
- ✓ **Protect and defend** the Army's systems, networks, and information
- ✓ **Ensure Army information management and information technology investments** maximize Joint and Army capabilities
- ✓ **Develop the Army's information technology and information management knowledge and skills** to support mission needs
- ✓ **Deliver an integrated enterprise strategy** that influences Joint and Army use of information management and information technology in furthering the warfighting capabilities



Work Portfolio Investment Strategy





The IM/IT Strategic Context



WHAT WILL BE DONE

2008-2015 ARMY CIO/G-6 CAMPAIGN PLAN



2008 2009 2010 2011 2012 2013 2014 2015

FUNDING TO GET IT DONE

FY08-FY09
Budget

FY09
Budget Update

FY10-FY11
Budget

FY11
Budget Update

FY12-FY13
Budget

FY13
Budget Update

FY14-FY15
Budget

FY15
Budget Update

ARMY CIO/G-6 500-DAY PLAN AUGUST 2007



HOW IT WILL BE DONE






HOW ARE WE DOING IN GETTING IT DONE?

- ❶ CIO/G-6 Campaign Plan is the long-term strategic plan
 - *What will be done*
- ❷ IM/IT POMs/ Budgets are the operational plans
 - *Funding to get it done*
- ❸ CIO/G-6 500-Day Plans are the tactical execution plans
 - *How it will be done*
- ❹ Rolling 100-Day Performance Reviews manage execution of the tactical plans
 - *How are we doing in getting it done?*



CIO/G-6 Focus Areas



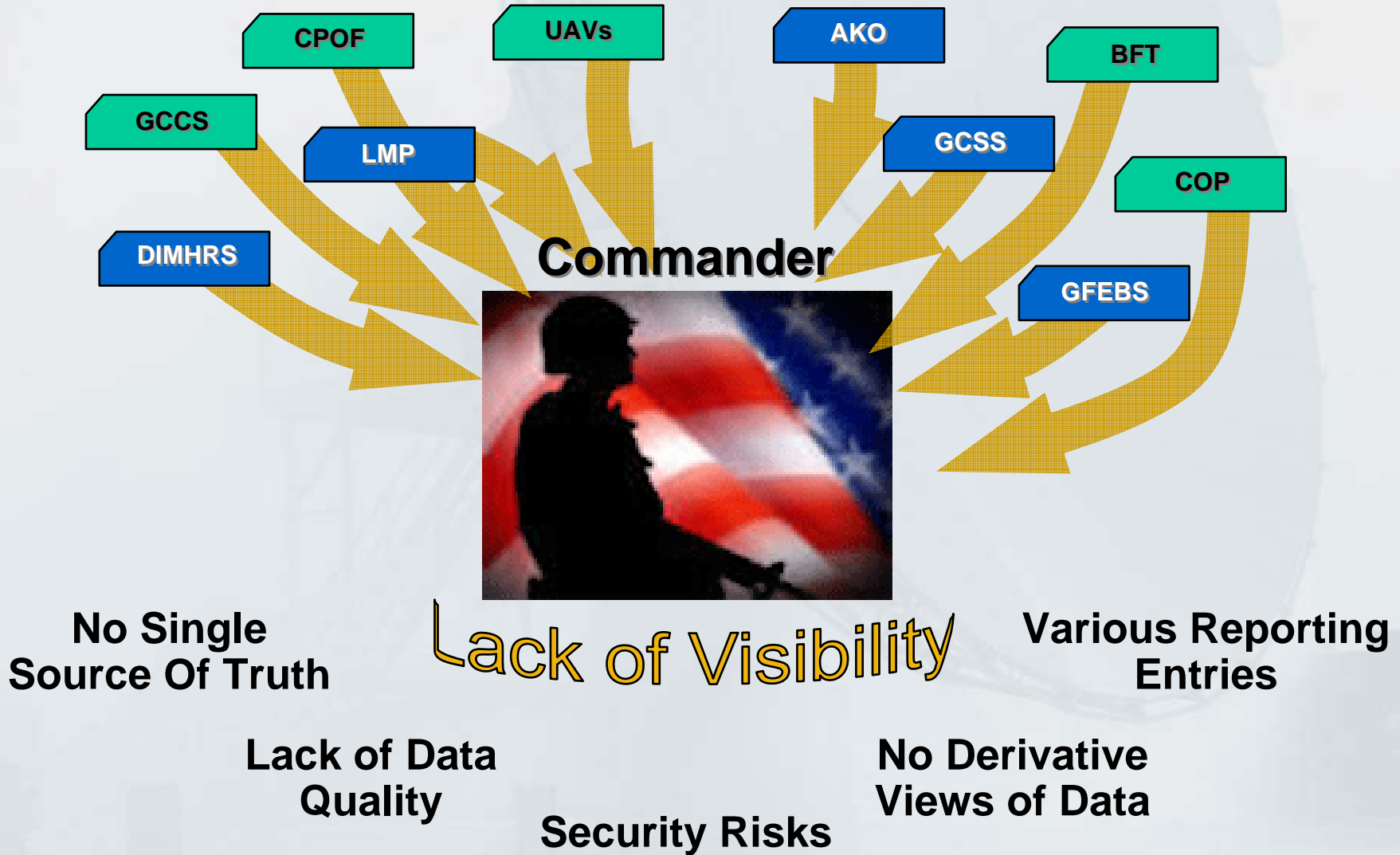
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Multiple Reporting Systems and the Need for Change...



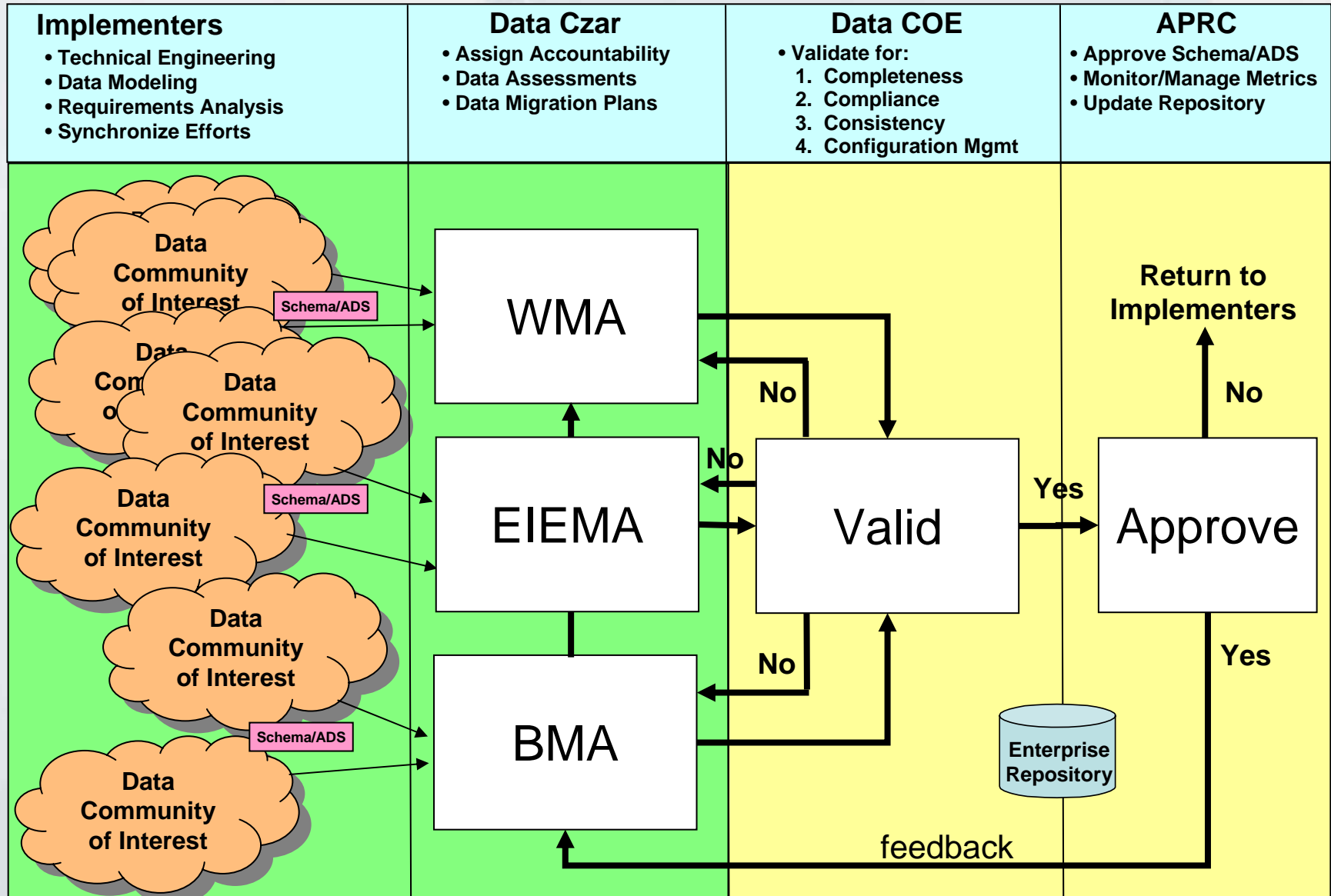


Multiple Reporting Systems and the Need for Change...










Data Czar & Governance





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Distribution of C4/IT Funding

...Across 6 PEGs (FY 2009 Budget)



Organizing PEG: \$449M

- Army Knowledge Online (AKO)
- Network Information Services Agency-Pentagon (NISA-P)

Sustaining PEG: \$217M

- Global Combat Service Support- Army (GCSS-A)
- Deployment Automation

Equipping PEG: \$6.0B

- MILSATCOM
- Warfighter Information Network- Tactical (WIN-T)
- Joint Tactical Radio System (JTRS)
- Force 21 Battle Command Brigade & Below (FBCB2)
- Army Battlefield Command System (ABCS)

Training PEG: \$640M

- Distance Learning
- NETCOM

Manning PEG: \$375M

- Army Recruiter Information System (ARIS)
- HRC Automation
- MEPCOM Automation

Installation PEG: \$2.25B

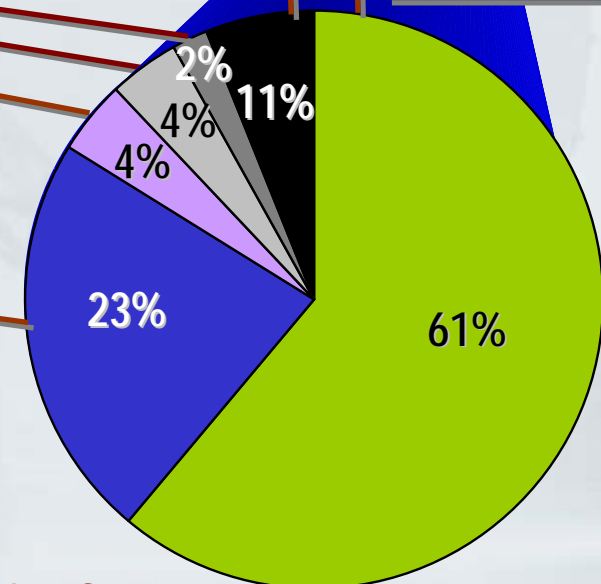
- Installation Information Infrastructure Modernization Plan (I3MP)
- Reserve Component Automation System (RCAS)
- Long Haul (NIPR, SIPR & DSN)
- Base Support
- Information Assurance (IA)

Total Army Funding

\$139B

C4/IT Funding

- \$9.97B
- 7.2% of Army TOA





Army Top 10 "Programs" & IT \$\$



MDEP DESCRIPTION	FY09
FUTURE COMBAT SYSTEM (FCS)	\$2.0 Billion
TACTICAL NETWORK COMMUNICATIONS	\$790 Million
BASE INFORMATION MANAGEMENT OPERATIONS	\$392 Million
BASE COMMUNICATIONS	\$392 Million
9TH ARMY SIGNAL COMMAND	\$365 Million
FORCE XXI BATTLE COMMAND BRIGADE & BELOW (FBCB2)	\$298 Million
ARMY BATTLE COMMAND SYSTEM (ABCS) INTEGRATION	\$289 Million
LONG HAUL COMMUNICATIONS	\$255 Million
INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM (I3MP)	\$250 Million
MILITARY SATELLITE COMMUNICATIONS (MILSATCOM)	\$243 Million

The Army runs the world's largest portal (AKO/DKO), and is the single largest customer of Microsoft, Dell, MPC, and Linux, and in the HP top-5



Conclusions!!!



Posturing for Persistent Conflict

...driving an Expeditionary Army



CIO/G-6 Focus Areas

...NSC, Cyber Ops, 500-Day Plan, KM & Data Czar



Army Way Ahead

...working key programs & initiatives in POM



Shared Situational Awareness

...Bottom Line to Joint Warfighter



QUESTIONS + THOUGHTS



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